

| Ref # | Hits   | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|--------------------|------------------|---------|------------------|
| S1    | 0      | "200500648845"   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:02 |
| S2    | 1      | "20050064845"  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 10:05 |
| S3    | 1      | "20010055298"  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 10:05 |
| S4    | 554498 | (account\$4 or bill\$4)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:51 |
| S5    | 24409  | ((subscriber adj identity adj module) or sim)                          | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:05 |
| S6    | 335223 | (remote adj authentication adj dial-in adj user adj service) or radius | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:06 |
| S7    | 14     | S4 same S5 same S6   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/29 08:28 |
| S8    | 748    | S4 and S5 and S6   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:09 |
| S9    | 845    | 455/405  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:11 |
| S10   | 1316   | 455/406  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:10 |
| S11   | 529    | 455/407  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:10 |
| S12   | 666    | 455/408  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:10 |
| S13   | 1601   | 455/411  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:10 |
| S14   | 3273   | S9 or S10 or S11 or S12 or S13   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:10 |
| S15   | 28     | S8 and S14   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:50 |
| S16   | 12     | (S4 same S5 same S6) and (access adj point)                            | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/26 13:23 |
| S17   | 14     | S15 and (access adj point)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/27 11:47 |
| S18   | 12     | S17 not S16  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/27 11:47 |
| S19   | 554498 | (account\$4 or bill\$4)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/27 11:48 |
| S20   | 24409  | ((subscriber adj identity adj module) or sim)                          | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/27 11:48 |
| S21   | 335223 | (remote adj authentication adj dial-in adj user adj service) or radius | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/27 11:48 |

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|-----|--------|--|--------------------|----|----|------------------|
| S22 | 14     | S19 same S20 same S21  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S23 | 748    | S19 and S20 and S21  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S24 | 845    | 455/405  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S25 | 1316   | 455/406  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S26 | 529    | 455/407  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S27 | 666    | 455/408  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S28 | 1601   | 455/411  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S29 | 3273   | S24 or S25 or S26 or S27 or S28  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S30 | 28     | S23 and S29  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S31 | 12     | (S19 same S20 same S21) and<br>(access adj point)                            | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S32 | 14     | S30 and (access adj point)   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S33 | 12     | S32 not S31  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S34 | 14     | S30 not S33 not S22  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/27 11:48 |
| S35 | 555609 | (account\$4 or bill\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:29 |
| S36 | 24467  | ((subscriber adj identity adj<br>module) or sim)                             | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:29 |
| S37 | 335692 | (remote adj authentication adj<br>dial-in adj user adj service) or<br>radius | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:29 |
| S38 | 48     | S35 and (S36 same S37)   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:30 |
| S39 | 555609 | (account\$4 or bill\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:31 |
| S40 | 24467  | ((subscriber adj identity adj<br>module) or sim)                             | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:31 |
| S41 | 335692 | (remote adj authentication adj<br>dial-in adj user adj service) or<br>radius | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:31 |
| S42 | 14     | S39 same S40 same S41  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:31 |
| S43 | 750    | S39 and S40 and S41  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 08:31 |

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| S44 | 846    | 455/405  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S45 | 1317   | 455/406  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S46 | 529    | 455/407  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S47 | 668    | 455/408  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S48 | 1604   | 455/411  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S49 | 3279   | S44 or S45 or S46 or S47 or S48  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S50 | 28     | S43 and S49  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S51 | 12     | (S39 same S40 same S41) and<br>(access adj point)                          | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S52 | 14     | S50 and (access adj point)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S53 | 12     | S52 not S51  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:31 |
| S54 | 29     | S38 not S50 not S53 not S42  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 09:13 |
| S55 | 213089 | (account\$4 bill\$4) and (wireless or<br>mobile or cell\$4) ".ab", "ti."   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:34 |
| S56 | 213089 | ((account\$4 bill\$4) and (wireless or<br>mobile or cell\$4)) ".ab", "ti." | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 08:34 |
| S57 | 1      | "60310563"   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 09:13 |
| S58 | 5      | ("2003/0051041").URPN.   | USPAT              | OR | OFF | 2005/07/29 09:13 |
| S59 | 1733   | ((account\$4 or bill\$4) and (wireless<br>or mobile or cell\$4)).ab,ti.    | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:01 |
| S60 | 846    | 455/405  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:01 |
| S61 | 1317   | 455/406  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:01 |
| S62 | 529    | 455/407  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:01 |
| S63 | 668    | 455/408  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:01 |
| S64 | 1604   | 455/411  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:01 |
| S65 | 3279   | S60 or S61 or S62 or S63 or S64  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:01 |
| S66 | 314    | S59 and S65  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/29 11:04 |

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|-----|--------|--|--------------------|----|----|------------------|
| S67 | 555609 | (account\$4 or bill\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 11:04 |
| S68 | 24467  | ((subscriber adj identity adj<br>module) or sim)                             | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 11:04 |
| S69 | 335692 | (remote adj authentication adj<br>dial-in adj user adj service) or<br>radius | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 11:04 |
| S70 | 750    | S67 and S68 and S69  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 11:04 |
| S71 | 2      | S70 and S66  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/29 11:04 |
| S72 | 7      | (start adj message) and (interim<br>adj message) and (stop adj<br>message)   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 15:47 |
| S73 | 54     | (periodic\$6) near5 (send\$4 or<br>transmit\$4) near5 (CDR or<br>accounting) | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:39 |
| S74 | 849    | 455/405  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:39 |
| S75 | 1320   | 455/406  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:39 |
| S76 | 530    | 455/407  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:39 |
| S77 | 669    | 455/408  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:39 |
| S78 | 1616   | 455/411  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:39 |
| S79 | 3296   | S74 or S75 or S76 or S77 or S78  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:39 |
| S80 | 4      | S73 and S79  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:43 |
| S81 | 1      | (additional or more) adj RADIUS adj<br>interim                               | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:44 |
| S82 | 1129   | (additional or more) adj RADIUS  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:45 |
| S83 | 2      | S82 and S79  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 14:45 |
| S85 | 3      | (additional or more) near4 (interim<br>adj message)                          | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 15:48 |
| S86 | 0      | S85 same continu   | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 15:48 |
| S87 | 1      | Radius same (start adj message)<br>same (real adj time)                      | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 16:10 |
| S88 | 892    | Radius same (real adj time)  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 16:10 |

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| S89 | 19 | Radius same (real adj time) and (start adj time) | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 16:11 |
| S90 | 93 | Radius near7 (real adj time)                     | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 16:11 |
| S91 | 63 | Radius near5 (real adj time)                     | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 16:12 |
| S92 | 14 | (Radius near5 (real adj time)) and accounting    | US-PGPUB;<br>USPAT | OR | ON | 2005/08/05 16:12 |